



**ENGINEERING SERVICES FOR ENERGY**

CONSULTANCY  
**DUE DILIGENCE  
AND ENERGY  
AUDIT**

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ESE ENGINEERING SERVICES FOR ENERGY IS AN ITALIAN  
ENGINEERING CONSULTING COMPANY OF THE HIGHEST LEVEL  
OPERATING WORLDWIDE IN THE POWER GENERATION INDUSTRY.  
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## DUE DILIGENCE

ESE supports the investors in the Due Diligence of existing plant, analyzing the plant conditions and estimating the expected remaining life and the values of the assets. When requested, the Due Diligence activity also includes the study for a rehabilitation program, evaluating the possible plant improvements and the relevant economic and performance impact.

ESE also performs Due Diligence of projects under development to verify the status of the initiative, possible hidden problems or potential unexpected issues.

## ENERGY AUDIT

ESE performs the Energy Audit for power/industrial installations, performing the analysis of the plant's processes and the relevant heat/cold and power needs, and reviewing the electrical and thermal consumptions.

One of the most important goal of this activity is the optimization of the process, the reduction of the consumptions and the improvement of the total energy conversion efficiency.

Consequently ESE also analyzes possible improvements from the technical and economic points of view, suggesting to the client potential upgrades of the plant, including possible addition of cogeneration systems and/or renewable platforms.

Inside the European Union, the Energy Audit is performed by certified Energy Management Expert (UNI CEI 11339) following the European Directive on Energy Efficiency Dir 2012/27 / EU, that entered into force on 4 December 2012 and the correspondent Italian Legislative Decree 102/2014 (for plants located in Italy) or the local legislation for other countries.

**FOR INFORMATION AND REFERENCES PLEASE CONTACT US.**



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